

# the Ring



*"Everything is a part of everything else. Everything is everything else. Everything is not only universal, but its own universe....Everything is either Alleluia or anguish."*

Scott Symons, *Heritage: A Romantic Look at Early Canadian Furniture* (1971)

Volume 3, Number 3, February 16, 1977

## University of Victoria

### Petch won't lay off staff to keep fees down

By John Driscoll

President Howard Petch doesn't enjoy being cast in the role of villain by students campaigning to prevent a tuition fee increase at UVic for the 1977-78 academic year.

However he says he's not prepared to implement the alternative to a fee increase—firing some employees.

The Universities Council of British Columbia has announced that the provincial grant of \$184.5 million to the three B.C. universities is about \$10 million short of the amount needed to maintain existing levels of programs.

While UVic won't know the exact amount of its grant until at least Feb. 23 it is evident that 1977-78 is going to be a lean year.

"As far as I can see we're all in this together and we'll all have to share the burden," said Petch in an interview last week. "Everybody's going to hurt a little, but if we share the burden we can maintain the quality of education, keep the fee increase as low as possible and not have to fire people."

This is why, Petch said, he was pleased when the provincial government announced the 1977-78 grant to the universities which represented an increase of 8.3 per cent over the 1976-77 grant.

"We had expected that there would be little or no increase in our grant and this would have meant a large fee increase as well as having to let people go."

"Now I think we can work things out."

Students have mounted a campaign to request that fees remain at the 1976-77 level

(Continued on page 2)

*This man skips along to a tippy-toe sense of well-being. See page 4.*

### Students bring case to Senate

A motion requesting Senate to recommend that tuition fees at UVic remain at the 1976-77 level will be introduced at the March 2 meeting by student senators.

Undergraduate fees for full-time students in all faculties except Law are now \$428 and have not been raised since 1965-66.

President Howard Petch has indicated that tuition fees will have to be raised for next year, but until UVic knows the exact amount of its provincial grant, the percentage increase cannot be established.

Figures as high as 45 percent and as low as 20 percent have been mentioned as possible increases.

The Alma Mater Society has asked students to write to Petch outlining their concern about a tuition fee increase.

In their letters the students expressed concern over difficulties already being experienced because of inflation.

"When one considers the costs of apartment renting, food and bus transportation it hardly seems reasonable to raise tuition fees," wrote one student. "One really

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Elisabeth Grambart Photo

*What? This sight recently greeted startled Elliott Building passersby. Liz Grambart, Media and Technical Services photographer, said no one seemed to know why the bike was up there, but it was hanging from a rope. Perhaps the owner was taking extra precautions to make sure it would not be stolen.*

### DON'T HOLD YOUR BREATH

Watch for the next issue of The Ring when a self-confessed aerobic disaster area, staff writer John Driscoll, begins the first in a series of first-person accounts of a painful and sweaty ascent towards cardiovascular serenity under the stern and unrelenting supervision of Dr. David Docherty, one of UVic's physical fitness gurus. However, what might queer the series is the heavy-smoking, overweight Driscoll's possible failure to pass the required medical checkup before he dons shorts and sneakers.



McGill Photo

## ...Petch won't

(Continued from page 1)

and earlier this month presented Petch with 582 letters, all but three opposed to a fee increase.

Arguments against a fee increase included a lack of jobs, inadequacy of the financial aid program, concern over education becoming "elitist" and questions over university priorities on other expenditures.

Petch said if he was in the same position as students he would be concerned about a fee increase, too. "It's the most natural thing in the world for students to oppose a fee increase. I'm surprised there are three students who agree with a fee increase.

"Students argue that a fee increase affects their lives but when you fire someone you're affecting their lives, too. And the lives of their children."

Petch said one of the major concerns is that in most cases it is those who can least afford to lose their jobs who are the ones to go when cutbacks are made.

"I'd rather not be thought of as the bad guy in raising tuition fees," he said. "But with all the fixed costs in our budget there's really little choice.

"If we don't have enough income from our grant and fees we have to let people go. It's that simple."

Petch said any increase above 35 per cent in tuition fees would be "self-defeating". He said he expected fee increases would not vary widely, at the three universities.

In a recent Petch Peeves session with students who presented him with the letters, Petch said UVic is faced with increased costs due to inflation and new and emerging programs, such as nursing, social work and law.

"At least half the increase in funds will have to be used to look after increased costs," he said.

This would leave UVic with an increase of around three per cent to cover increases in wages. "Since wages make up 80 per cent of our budget it's not likely we're going to get by with the funds available unless we raise fees."

Students have argued that a fee increase will deny access to university to students from low-income families but Petch disagrees.

"Keeping tuition fees low has not been effective in drawing low-income students to university," he said.

Petch said if the national objective is to provide university access to students from low income families, "the attempts for the last decade have failed."

He referred to a report released earlier this year by the federal secretary of state's department.

The report said post-secondary students in Canada are generally drawn from higher-income families. "About one-third of all students reported father's incomes of \$15,000 or more while less than one-fifth had fathers with incomes below \$6,000," the report states.

"Students from the already privileged classes in society appear more likely to obtain a university education and hence to earn the higher income associated with it," the report concludes.

Petch said there are many reasons why few people from low-income families attend university and tuition fees play only a minor role.

"With many low-income families sending a child to university means cutting the family income. The fact is that low-income families often can't afford to lose a wage-earner."

He said students who come from beyond commuting distance to a university need at least \$1,500 a year aside from tuition fees.

"Of all the financial and sociological factors involved, tuition fees are the least important in determining whether or not a student from a low income family attends a university," he said.

Petch said if society is really serious about universal accessibility to universities, "it's obvious we're going to have to try a whole new approach.

"I'm not sure that society is really interested in universal accessibility," he added.

What society is saying, according to Petch, is that those who benefit from higher education should pay more of the cost.

"I'm getting that message from government, editorials and the man-in-the-street."

Petch said society, through its governments at all levels, is indicating that it is not prepared to go on with ever-increasing costs for education.

"Society at large feels that students who can afford it should pay a higher share of the cost."

## ...Students bring

(Continued from page 1)

has to stretch one's budget as it is, just to make it. This added cost would make it an impossibility."

"I have had difficulty in making ends meet this year. The future does not seem promising," wrote another.

Students are also concerned with the lack of summer and part-time jobs.

They pointed to statistics compiled after the summer of 1976 which indicated that 24.7 per cent of students who did not return to UVic listed lack of funds as a reason for their decision.

"I want to come back next year but if I don't get a summer job I will never be able to pay the tuition fees," wrote one student.

Faced with the poor employment situation students are unhappy also about the inadequacies of the financial aid situation.

"I feel that I am being squeezed in the middle of rising costs and an ungenerous student loan system," was one reply. "I saved only \$400 from spasmodic summer employment last year and I had to state an \$800 personal contribution on my application for a student loan, a loan which allots only \$450 for food for the entire school year."

Students also expressed concern about university education becoming elitist. Some mentioned that by increasing tuition fees, the university was becoming an enclave for the rich.

Students also questioned university expenditure such as the new bus shelter, alterations to the Student Union Building and the University Centre. "If you want to save money, don't construct the new music wing or the auditorium," said one student.

The fee increase should be in line with the Anti-Inflation Guidelines, said another student.

The letters asked Petch to bring their concerns, to Minister of Education, Dr. Pat McGeer.

"Ask the minister if he would like to live on \$200 a month," was one comment.

# UVic dean criticizes McGeer remark

Education Minister Pat McGeer's suggestion that universities provide desperately-needed research funds from operating budgets was described last week as "totally unreasonable" by Dr. John Dewey, Dean of Academic Affairs.

McGeer made the remark in tabling in the provincial legislature a report on the present level of research in the province.

The report was commissioned by McGeer and Economic Development Minister Donald Phillips. Dr. Roger Gaudry, Rector of the University of Montreal, submitted the report after a lengthy investigation of the present state of research in B.C.

Gaudry recommended that the province supplement research funds received by the universities on an interim basis because of cutbacks in federal financial support.

He pointed out that federal research funds for universities have undergone a steady decline and that this has placed B.C. in "real danger of falling below a basic level of research activity in certain areas".

However, McGeer said no special funds would be provided to universities for research. He suggested that universities review proposed salary increases as a means of obtaining research funds.

"The Gaudry report has recommended that an entirely separate fund be earmarked for research in universities," said Dewey. "Clearly Dr. McGeer is not agreeing with this report. Of course this is his privilege."

Dewey said that with the Universities Council of British Columbia receiving \$10 million less than requested universities will find it difficult to maintain existing programs.

"It's totally unreasonable to expect universities to trim their budgets even further to provide badly-needed research funds."

As for Gaudry's report, Dewey said, "with the desperate situation in research funding for universities any report which recommends increased support, even on an interim basis, must be looked on as a positive step."

However, Dewey said universities believe there is a need for ongoing funds for university research at the provincial level. "The province could support research programs that are of potential benefit to the economic and cultural development of B.C."

## COOL YEAR AHEAD

Thanks to an unusually mild winter combined with an energy-conservation campaign UVic has been able to cut \$58,000 from the budget for fuel in 1977-78.

"It's going to be a bit cooler around here next year," warned President Howard Petch. "We have to find ways of cutting expenditures wherever possible."

Ted Apps, director of Buildings and Grounds, said the cut in next year's budget was partially due to the mildness of the winter and a lack of the usual windy conditions.

He said this means there will be a surplus of fuel to start the next fiscal year. "We've also been trying to cut back on energy consumption in a number of ways," he explained.

Apps said grounds crews have been reducing lighting levels by removing tubes from fixtures in some areas and have been reducing temperature levels and cutting back on heating and lighting at night where feasible.

He said the campaign to conserve energy on campus will be stepped up in the next month. "We've been trying to hold the line in energy consumption in a number of ways and we'd like to make the university community more energy conscious," he said.

Petch said another area which concerns him is in printing and duplicating services. "We've been trying to get people to cut down on the use of paper but I see no evidence that this is being done when I look at the printing and duplicating costs," he said.

## 'Suitability' criterion questioned

Some senators see a resolution adopted by the Joint Council endorsing "personal suitability" as a criterion for enrolment into a professional program at UVic as potentially dangerous.

The endorsement was contained in a resolution adopted by the council in 1976. The council is made up of representatives of the Schools of Nursing, Social Work and Public Administration and the Child Care Program.

The issue arose when Dr. John Dewey, chairman of the joint council, asked Senate to approve part of the resolution which stated, "in cases where personal suitability is a criterion for enrolment in a professional program the group that makes an assessment of such suitability must include qualified professionals in the discipline."

Dr. Charles (Danny) Daniels (Philosophy) said the criterion of personal suitability should be spelled out exactly. "What about homosexuality, for example?" he asked.

Dr. Larry Devlin, Director of Continuing Education, agreed. "We should try to be as explicit as possible in outlining the criterion for personal suitability," he said.

Dr. Norma Mickelson, Dean of Education, pointed out that all questions of criteria must be approved by the Senate and the Board of Governors. "All the joint council is saying is that any decision on admission into a professional program should be made by the faculty involved."

Senate decided to wait until the criteria for admission comes forward before taking any action on the matter.

Dewey said UVic had recommended to Gaudry that the province should consider research funds for the three B.C. universities, concentrating on the special studies being carried out at each.

"For example, a research institute dealing with analyses of public policies, and social problems in could be established at UVic.

"This could be tied in very closely with the provincial government. At UBC an industrial research park combining university, private and government agencies could be established."

Dewey produced figures which showed the startling decline in funds from federal granting councils.

In the natural sciences granting councils provided \$594,000 to UVic in 1970-71 and \$658,000 in 1975-76, an increase of slightly more than 10 per cent.

"In terms of real dollars federal funds have been drastically cut and this is a clear policy on the part of the government."

He said in 1970-71 UVic obtained \$796,000 in research funds and 79 per cent came from the granting councils.

By 1975-76 only 55 per cent of UVic's research funds were obtained from the granting councils, the rest coming from other government agencies, and private companies in the form of contracts.

Even the Canada Council, one of the granting agencies, has spoken out against the cutback in federal research funds.

In the recent 1975-76 annual report the Canada Council entered "a special plea on behalf of the universities of Canada deploring the frightening cutback in research funds to the universities through our council and other granting councils.

"Today it is not an exaggeration to say that the mood in universities is one of disquiet, even anxiety. Capital grants from provinces have dwindled to a fraction of what they were," the report notes.

"Federal funds for research and equipment have fallen by more than 30 per cent in constant dollars." The report asks for a period of consolidation and restoration of balance between the former adulation for universities and the present disenchantment. "There must now be a time of healing

and a growth of confidence in the universities as enrichers of life."

Dewey does, however, see a glimmer of hope that the federal government may be changing its mind on the cutbacks in resource funding.

Hugh Faulkner, Secretary of State for Science and Technology, announced in December that the granting councils would receive budgetary increases in the next fiscal year to compensate for inflation.

Faulkner said he would also be requesting funds for council programs relating to regional balance, national problem areas and interdisciplinary research.

Dewey said the plight of researchers with dwindling federal funds appears to have finally registered on the federal government. "A lot of UVic faculty members sent letters to MPs and ministers and I think this helped to bring the message to the government," he said.

Dewey said since 1970 the percentage of Gross National Product (GNP) spent on research in Canada has fallen so drastically that now only Iceland, Portugal and Spain —among developed nations—are behind Canada in percentage.

"Even countries like Belgium, Norway and probably Finland are spending proportionately more on research than Canada," said Dewey.

He said the people hurt most by the scarcity of research funds are young faculty members who have huge expenses in setting up laboratories. "The new faculty member is caught in a bind because he must do his work so that he can establish a reputation without which he can't get research funds.

"If the university can't afford the equipment he will have difficulty getting his work under way."

Dewey said one way of increasing the percentage of the GNP devoted to research would be to refuse to give tax relief to foreign companies which, while locating branches in Canada do all their research at home.

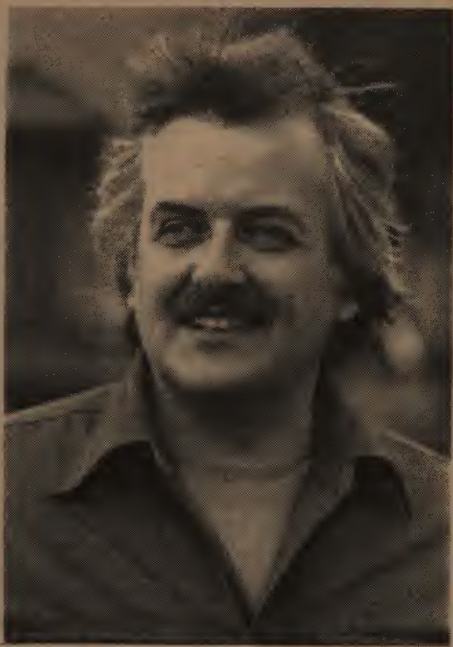
He cited the example of the Ford Motor Company which carries out no research in Canada. "We should encourage industrial companies to do their research in Canada," he said.

# ringers

Dr. Louis Sutker recently told an overflowing crowd of more than 500 people at the SUB theatre pretty well what they wanted to hear during a lecture on the effects of marijuana. Sutker said at the outset he was surprised at the size of the crowd, and attributed it to marijuana being one of "the secret words" in our society. He mentioned jokingly a few of the myths about marijuana—that it leads to growth of hair on the hands and degenerate brain disease. The conclusion to Sutker's carefully controlled studies of marijuana users in Costa Rica proved otherwise: chronic marijuana use has no permanent psychological or physical effects. Those tested smoked an average of eight joints a day for the past 17 years. When Sutker noted that one of the members of the experimental group used in the study had smoked 40 joints a day for 17 years, the audience was incredulous: even more so when Sutker stated further that the man was a stable, family oriented businessman who employed six people. Sutker, who himself does not smoke anything, concluded that, while the study was conclusive it would not change many minds. "People who don't want liberalization will ignore it or downplay it, and those who want it will probably quote the study." His talk was sponsored by the AMS.

"Hell hath no fury like a women's group scorned," said brave young student Senator John Pennington (A&S-U) as he launched into an attack Feb. 9 on what he thought was a proposal for a program of women's studies courses at UVic. While Pennington agreed that women have a "just, right and important cause", he said such a program would be more of an insult to women than a valid academic pursuit. He asked the Senate to reject in principle the idea of a program in women's studies and his motion was quickly seconded by another student senator, Sandra MacRae (Educ-1). She asked if the idea was to graduate a Bachelor of Women's Studies and questioned what courses would be offered. "Courses like this tend to be faddish," she said. Pennington and MacRae were reacting to a letter from Alma Mater Society representative Della Letnes (A&S-1) to President Howard Petch, informing him that the Representative Assembly had unanimously approved in principle the development of a women's studies course at UVic beginning in 1978. However, Petch pointed out that the AMS was referring to one course rather than a program. Dr. Peter Smith, Dean of Fine Arts, felt the whole discussion was out of order since "there is a serious group of scholars on campus planning such a course right now. It would be a mistake to vote for or against such a course until we know more about it." When Pennington and MacRae realized that it was a single course rather than a program they quickly withdrew their motion. But not before student senator Theresa Kerin (GS-M) spoke out in support of such a course. "I'm amazed to hear that women's studies are faddish," she said. "There has been a trend towards offering women's studies in universities for 10 years if not longer. This university is the only one in British Columbia without such a course and that could be one of the reasons we're looked on as a backwater."

John Krich, director of theatre at UVic's Department of Theatre, is currently appearing as a guest performer with the Clarence Brown Repertory Theatre Company at the University of Tennessee in Knoxville. He is playing the lead role of Tucaret in *The Tax Collector* opposite June Havoc, the



Krich: playing opposite June Havoc

original "Baby June", sister of Gypsy Rose Lee. Havoc has had a many-faceted career as a dancer, film and stage actress, director and playwright. The role of Tucaret was to be undertaken by Anthony Quayle, the well-known British actor. However, when Quayle was asked by the Royal Shakespeare Company to appear with Peggy Ashcroft in Alksai Arbuzov's *Old World*, Krich was asked to replace him. Dr. Ralph Allen, theatre historian and former chairman of UVic's Theatre Department, has rewritten *The Tax Collector*, an elegant romp through 18th Century Paris, which is being directed by Wandalie Henshaw, also formerly of Victoria.

The Senate is going to look at the possibility of posting examination timetables prior to registration for classes. While Administrative Registrar Gordon Smiley is not in favor of the idea, he was asked by the Senate at the Feb. 9 meeting to get more information on it. In a memo to the Senate, Smiley said posting of examinations prior to the start of classes would mean many students would have to write two, three and even four consecutive exams. "In our present system the number of consecutives is the prime factor after the elimination of conflicts," said Smiley. He said in theory the posting of examination timetables prior to classes would mean a reduction in the exam period at Christmas from 11 or 12 days to one week, but that in practice there were many problems involved. Dr. Marvin Shinbrot (Mathematics), who appeared before Senate, said most of the problems raised by Smiley appeared to be non-problems. "I don't see why a student shouldn't have a right to say 'I don't want to take this course because there's an exam on Dec. 21' provided he's willing to pay the price of writing two or three consecutive exams." He said universities in the United States have schedules of exams distributed prior to registration and a similar system could be worked out at UVic. Most senators agreed that if the examination period could be shortened they would like to see it done. "I know that consecutive exams trouble some students," said Dr. John Climenhaga (Physics). "I don't think we should jump too quickly into this."

The UVic Chamber Singers, conducted by Bruce More, will make their annual tour this month, this time on the Lower Mainland. Featured with them will be the UVic String Ensemble, conducted by Gerald Stanick. They will perform Feb. 17 at noon at Capilano College and at 8 p.m. at Trinity Western College. At noon Feb. 18 they will be at Douglas College. The program will include sections by Monteverdi, Schutz, Gibbons, Bach, Debussy and Kodaly. In their first two annual tours, the Chamber Singers went to the Interior and then to Up-Island communities.

Two Department of Music organ students distinguished themselves in a recent competition in Vancouver sponsored by the Vancouver Centre of the Royal College of Organists. Kenneth Guy won the \$50 second prize and Jane Davis placed high in the list of 12 competitors. Both students are studying with Edward Norman, an instructor in the Music Department and organist at St. John's Anglican Church.

The Physics Co-Op program is rapidly getting off the ground towards its kickoff this summer. John Goudy, administrative assistant in the Department of Physics, said 25 jobs have been set aside by industry for UVic students, and "there are more in the mill". The 40 students who are enrolled in the program heard a talk last week by President Howard Petch on his experiences with co-ops at the

University of Waterloo. UVic, with the Department of Chemistry also developing a program, is the first university in B.C. to introduce job-study co-ops.

A film and discussion night on women in prison will be held March 2 at 7:30 p.m. in the East-West lounge of the SUB under the sponsorship of the Victoria caucus of the National Association of Women and the Law (NAWL). The film is entitled *Like a Rose* and it will be followed by a discussion led by two Saanich policewomen, two matrons from the city jail, and a probation officer. "There are no prisons for women on the Island, consequently there is a need to discuss the situation," noted Jane Henderson, a second-year UVic law student who is involved in NAWL. She said NAWL is organized to lobby for changes in the law which affect women, allowing it to be open to all women, whether they be lawyers or students or not. The Victoria caucus was organized last fall and managed to send five members, including Henderson, to the second National Women in the Law Conference held in Ottawa this year. Henderson said that every local caucus is concerned with developing its own policies and projects towards presentation of briefs to the appropriate legal or governmental body. "In the immediate area the caucus has been working on the removal of rape from the Criminal Code," she said. "Since a rape conviction is difficult to obtain due to its stiff penalties, the caucus would like to see rape moved into the assault category." The film-discussion night is open to the public, but there will be a \$1 charge to help defray the cost of the film.

The University Wind Ensemble, a group of Music Department wind and percussion players under the direction of Jesse Read, (Music), will present a program of music from the 1920s on Feb. 24 at 12:30 p.m. in MacLaurin 144. The program will include the "Three Penny Music", a suite from the "Three Penny Opera", by Kurt Weill, and the "Concerto for Piano and Wind Instruments" by Igor Stravinsky. In the performance of the Stravinsky piece, the ensemble will be joined by Dr. Gordana Lazarevich (Music) as piano soloist. The ensemble, which was just formed last fall, will also give a similar concert at Malaspina College in Nanaimo, and will travel to Salt Spring Island for the Salt Spring Community Arts Council Concert series.

A brain will play music in what promises to be one of the most unusual performances ever staged on campus. The brain belongs to David Rosenbloom, one of the most active experimental musicians on the continent. Rosenbloom's research has led to the development, with electronics engineer Don Buchla, of specialized computerized equipment designed to interface the brain of the performer directly with sound-producing synthesis equipment. As UVic composer Martin Bartlett notes: "This special instrument thus becomes an extension of the brain and nervous system in the same way that a piano is an extension of the fingers." Rosenbloom will perform Feb. 26 at 8 p.m. in MacLaurin 144, using the new biofeedback instrument. The performance is entitled "On Being Invisible". Prior to that on Feb. 24, he will present a lecture-demonstration called "Musical Interface with the Human Nervous System" in which he will describe the results of his research. The lecture, free and open to the public, will be at 8 p.m. in Elliott 167. The concert will cost \$2.50 general and \$1.50 for students and senior citizens. Rosenbloom is at present at York University, Toronto, where he was the founding director of the Electronic Media Studios and the Laboratory of Experimental Aesthetics. He is a noted performer on keyboard and electronic instruments.

## notices

Food Services will reduce its hours during Reading Break Feb. 21 and 22. The Coffee Gardens in the Commons Block will be open 10 a.m. to 4 p.m., as will the cafeteria in the Campus Services Building. The Green Room will be open 11 a.m. to 2 p.m., as usual, but the Ravens Wing will be closed.

The Department of Chemistry, in conjunction with the Spectroscopic Society of Canada, will host a two-day trace analysis workshop on campus Feb. 21 and 22. Participants include the Department of Mines and Petroleum Resources, Varian, Radionics, Barringer Research, Can-Test, the National Research Council and Simon Fraser University. Chief organizer is Dr. Wes Johnson, local chairman of the society.

The Native Students' Union at the University of Victoria is holding a raffle to raise money in order to attend the official opening of the United Nations of All Tribes Foundation. The first prize will be a Cowichan Indian sweater which will be specially knitted for the winner. The second prize will be a Cowichan toque and Cowichan slippers. The tickets are selling for \$.75 each or 3 for \$2.00. The draw will be made on March 14, 1977. Tickets will be available from the union office in Hut "G".

Applications are now being taken for the 1977 Scandinavian Summer Seminars which will take place in various centres in Finland, Norway, Denmark and Sweden. The seminars cover such topics as "Scandinavian Architecture", "Urbanization and Ecology", "Industrial Design and Applied Art in Scandinavia", "Art Museums in Scandinavia", "Scandinavian Democracy", "Care of the Aged in Denmark", "Europe of Regions", "Scandinavian Pre-school and Elementary Education" and "The Community and Human Relations". The seminars will be conducted in English, and college credits are obtainable. Full details are obtainable on application to Det Danske Selskab, 2, Kultorvet, DK-1175, Copenhagen K.

Belfry Productions will mount its first show, "Puttin' on the Ritz", the music and lyrics of Irving Berlin, beginning Feb. 18 at the Belfry, 1291 Gladstone. Directed by Don Shipley, the musical will run until March 6. Curtain time Tuesday through Friday and on Sunday is 8 p.m., and on Saturday 7 and 10 p.m. Tickets are \$3.50 for students and pensioners and \$4 general.

The UVic Debating Society meets the UBC Debaters Feb. 24 here for three rounds of debating the resolution "That the most serious problem facing this country is an excess of freedom". Both the Oxford and the more popular cross-examination styles of debate will be employed. The rounds will take place at 4 p.m., 5 p.m. and 6 p.m. in Clearihue 124, 128 and 130. All are welcome to attend.

Faculty, staff and students are being asked to pledge either individually or collectively donations to the third annual telethon of the B.C. Lions Society for Crippled Children which will take place 6 p.m. March 5 to 4 p.m. March 6 at the McPherson Playhouse Theatre. In an appeal to President Howard Petch, Mrs. Judy Nyquist of the society said the telethon provides good entertainment for donations. "We are very fortunate in this community to have a great many talented artists, such as Paul Horn, Laszlo Gati and the Victoria Symphony, Peter Chipman, jazz musicians, ventriloquists and the list goes on. I am approaching you, on behalf of these artists, who are giving of their time for crippled children, to assist us financially."

Dr. Eva Badura-Skoda, a musicologist and internationally known authority on the music of Mozart and Haydn, will give a public lecture entitled "The Difference between Notated and Performed Music during the 18th Century" on Feb. 17 at 12:30 p.m. in MacLaurin 144. Also as part of her visit to UVic under sponsorship of the Department of Music, she will give a musicology seminar at 2 p.m. the same day in the Library Seminar Room. Feb. 18 she will give a lecture on Haydn operas to an undergraduate history class. The wife of piano virtuoso Paul Badura-Skoda, she is co-author (with her husband) of the standard work in Mozart piano performance, *Interpreting Mozart at the Keyboard*.

A concerto concert featuring students Jane MacKenzie (soprano) and Gary Russell (cello) has been postponed from Feb. 25 to Feb. 28 at 8 p.m. in MacLaurin 144. MacKenzie and Russell were winners of a recent competition in the Department of Music, the consequence of which is their appearance in concert with the University Chamber Orchestra under conductor James Walker. MacKenzie will sing Mozart's "Exultate Jubilate" and Russell will participate in Boccherini's "Cello Concert". The symphony will also perform Ravel's "Mother Goose Suite" and Dvorak's "Symphony No. 8".

Prospective applicants to the Faculty of Law are encouraged to meet faculty members, students and the admissions committee Feb. 23 at 2 p.m. in Clearihue C112. Eligibility requirements and admissions procedures will be outlined followed by a question-and-answer session. The final Law School admission test date is April 16 and applicants must register for the test no later than Feb. 28. The final date the Faculty will accept applications for admission in September of 1977 is March 31.

Lieutenant General David R. Adamson of the Canadian Armed Forces, who is deputy commander in chief, North American Air Defence Command (NORAD), will speak to a class of Dr. R.H. Roy (History) Feb. 18, 9:30 to 10:20 a.m. Roy, a military historian, said any student not in his class who wishes to sit in on the talk should contact him at local 4271. Adamson, who joined the Royal Canadian Air Force in 1941, served as a sergeant pilot in operations over Europe during the Second World War. In his peacetime career he has held a number of key posts, including chief of air operations in Ottawa.

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# Run, skip, chop: It's good for you . . .

By Bryan McGill

The physical fitness craze sweeping UVic is becoming more bizarre in its manifestations, especially in and around the McKinnon Centre.

Aside from hordes of joggers storming out of the centre, aside from a phenomenal volleyball revival, aside from an intensifying squash mania, aside from an explosion of dancers hopping and bouncing around (see accompanying story), and aside from increasing swarms of swimmers churning up the McKinnon Pool, would you believe that rope-skipping is a coming thing, not to mention wood-chopping and stair running?

The man responsible for a growing number of people skipping around the centre is J. Leo E. Marinier, a former Golden Gloves boxer who is in charge of the cardio-pulmonary laboratory of the Division of Physical Education.

Marinier, who has been skipping since the age of 10 when he started to box, has just begun to give instruction on skipping skills and already he has about 30 doing it, and had this writer itching to get his hands on a rope as he watched Marinier and his pupils furiously skip to music in the McKinnon gymnasium.

"I've always loved rope-skipping," said Marinier, who, while he is working out is constantly dancing, shuffling, and bouncing on his toes like a boxer, and who can effortlessly shift from about 130 rope beats per minute to a subliminal 200 plus a minute.

Apart from sharing the rhythmic delights of skipping, he is promoting it as a superior exercise in physical fitness.

He points out that tests in the U.S. have shown that a daily 10-minute rope skipping program, at a minimum of 126 beats of the



Gary Ecklin (Educ-2) chops while Marinier skips and Eric Stepure (Educ-3) keeps time.

rope per minute, is as efficient as a 30-minute daily jogging program at an eight-minute mile for improving cardiovascular fitness.

Marinier said skipping also develops agility, physical power, shoulder and hip flexibility and eye-hand co-ordination.

As a second degree black belt in judo who teaches that martial art, he finds skipping is a help here, in that it builds up the legs and gives quickness to the feet.

Marinier, with the help of Physical Education students in Physiology 241 is carrying out a study on skipping, jogging, and stair-running to compare their cardio-pulmonary effectiveness. He also has about a dozen students chopping wood to see how efficient this is in abetting fitness.

The jogging entails a group of 12 students running a daily eight-minute mile, compared to a similar number daily running up and

down 10 flights of stairs within two minutes, and to those skipping for 10 minutes at a rate of 126 beats.

Passersby will see the strange sight of people chopping logs the next few weeks in an area outside of the McKinnon Centre.

Although this is grimmer work compared to skipping, preliminary indications show that chopping at a rate of at least 30 strokes a minute for 15 minutes is indeed good for heart and lungs, and as an added benefit there is all that kindling.

Beforehand each group was given a Harvard step test to determine their level of cardiovascular efficiency and after a month of regular workouts will be given another to see what the comparative improvements are.

Incidentally, Marinier has a few tips about how to become good at skipping, at least to get up to a rate of 126 beats per minute.

Never skip with both feet going up and down together. "This is jarring and clumsy. Instead, while skipping, shift from one foot to another, just like a boxer, and in this way, besides being able to go much faster, you can move backwards and forwards, side to side, and around in circles."

Most novice skippers tend to hold their handles at a 90 degree angle to the body when they should be held out in front of the body at a 20 to 30 degree angle.

"And if you don't relax while doing it, muscle fatigue sets in quickly."

For those who want to get serious about skipping, he recommends a leather rope with handles containing ball bearings, the type boxers use.

His skipping instructions are open to everybody throughout the year.

## . . . And dance, everybody, dance

By John Driscoll

At UVic a lot of people feel like dancing.

They're tripping the light fantastic in a variety of ways. Ballroom dancing, where people actually touch each other, is attracting huge classes to the dance studio at the McKinnon Centre.

People are into jazz dancing; ballet, modern and Scottish country dancing.

Gail Van Basterlaere is one of the instructors who make people feel like dancing. She feels there are a number of reasons for the upsurge in interest in dance forms.

With the interest in physical fitness these days Van Basterlaere says many people are looking for exercise that is not competitive. "And a lot of people aren't interested in doing chin-ups or weightlifting."

Dance is also an exercise where people are concerned with their individual development yet has a social aspect in that people meet others with a common interest.

Most of all though, Van Basterlaere believes fun and pleasure derived from movement are the prime reasons why dance forms have become so popular.

Van Basterlaere is convinced that anyone can dance.

"It's as natural as a heartbeat," she says. "Rhythm starts with a heartbeat. Everyone has a natural rhythm and dancing is simply an expression of the rhythms we hear."

While some people describe themselves as having two left feet or simply say "I can't dance", Van Basterlaere says they cannot hear the rhythm.

"An instructor can help people become aware of rhythm and once you hear a rhythm you want to express it through dance. When you begin expressing that rhythm it carries you away and you flow with it."

Van Basterlaere who has been studying dance, dancing professionally and teaching dance for a total of 20 years, instructs five classes in jazz, ballet and rhythmic.

She attempts to build up the confidence of beginners in her classes by starting with the basics and working up. "I use music with all my classes from the beginning as I've found people will work a lot harder with music than without."

Rhythmics and jazz are excellent for developing cardiovascular fitness while ballet



Van Basterlaere shows a class some jazz steps.

is also an excellent aerobic exercise, she points out.

"All three develop grace, body awareness and of course, rhythm."

Rhythmics began in Scandinavia around the turn of the century as an exercise designed for women because of the initial concern about fitness for women.

Van Basterlaere explained that rhythmics are stylized movements to rhythm involving stretching and relaxing the entire body.

"There's a lot of spinal work involved. And hand apparatus such as balls, hoops, tabourines, and ribbons are added to improve control, and hand-eye co-ordination."

Rhythmics is just getting organized in Victoria but it has already been approved as an official Olympic sport in Moscow in 1980. "While gymnastics is a more startling and exciting sport, rhythmics is more artistic," says Van Basterlaere.

Later this year people in Victoria will have an opportunity to see how exciting this sport is when UVic co-sponsors the B.C. modern rhythmic gymnastics competition.

Recreational ballet classes are not designed to graduate people to the stage but "to find out what you do when you do ballet," explains Van Basterlaere.

"It takes about 10 years of concentrated training to become a ballet dancer. In the classes ballet is used as a fitness exercise, and to discover what is basically involved."

Ballet concentrates on balance and awareness of bodily positions as well as on flowing movement. Because the positions are precise there are clearly defined goals towards which students aim.

Jazz dance, which is becoming very popular in Victoria, originated in tribal dancing in Africa. Van Basterlaere said it stresses contact with the earth and because many tribal dances were concerned with

fertility there is an emphasis on the pelvic area.

"Black people have interpreted the traditional rhythms in life through music and dance and a lot of white people are now jazz dancing very well."

All dance forms are different styles of movement but they are all dependent on rhythm, says Van Basterlaere.

And while she doesn't promise to awaken a dormant Astaire or Fonteyne among her students, she says that anyone can overcome the initial lack of self-confidence.

"We don't always encourage children to listen and express rhythm," she says. "Often it's discouraged in kids and when they feel they can't dance they don't make a second try."

As far as Van Basterlaere is concerned, "it doesn't matter what age you are at. It's just not true that you can't dance. Everyone can dance."





Driscoll Photo

Lomas: a big gulf yet to cross

# Kicking around with the pros

By John Driscoll

Danny Lomas has been kicking a soccer ball in organized leagues since he was eight years old and next month the Vikings star may have to make a difficult decision about his future.

He's heading down to Portland for a week's try-out with the North American Soccer League (NASL) Portland Timbers.

He played in Portland last summer as an amateur against some of the top professional players in the world and the management has invited him back, this time for a pro try-out.

"If they offer me a contract it will be a tough decision to make," says the third-year Education student. "I want to finish university but I also want to try professional soccer. "After all, I'm 23 and this may be the last chance I'll have."

It's not the money that Lomas is interested in, since the average salary of a professional in Portland is about \$1,500 a month, plus a living allowance.

It's the chance to see if he can prove himself in professional company. He has vivid memories of last summer in Portland and the four games he played before being side-lined with a torn hamstring muscle.

"It's a job that your heart is in," he says. "When you go out, you go as a team and the feeling of a team is always there. You practise every day, give clinics and you travel and meet a lot of great people."

In Portland, unlike Victoria, a lot of people are into soccer with average attendance at home games more than 21,000 fans.

Lomas' eyes light up when he talks of the games themselves. He started at fullback and while he didn't score any goals last summer he remembers the games.

"I had an excellent chance in Vancouver against the Whitecaps, but I blew it," he says. "I've thought about that particular chance a lot since."

And then there was the game he found himself opposite the flamboyant George Best of Northern Ireland who played with the Los Angeles Aztecs.

"The first time he got the ball he went around me and then he stopped and waited for me to catch up," recalls Lomas. "That was embarrassing but it also made me angry and I told myself I had to play better than that."

Lomas agrees with Best's critics who call him a "showboat" but adds "he's also a brilliant player."

Playing on a team with 12 imports from England Lomas soon realized there is quite a gulf between starring in the Vancouver Island Soccer League and playing in the NASL.

"Their ball skills are so much better," he said. "Of course, it's to be expected since most of the English players grew up kicking a

can around the streets while we were playing hockey or baseball."

Lomas, however, grew up kicking a soccer ball. While he was born in Victoria, his father and mother were from an English background. His mother who was a Physical Education teacher got him started in sports and his father who played semi-pro soccer in England had him out in the backyard playing soccer before he was going to school.

Some knowledgeable observers on campus call him "the best athlete at UVic", but you'd never guess it from talking to Lomas.

His statistics speak for themselves. Take the 1975-76 season.

Lomas led the Vikings to the Canadian Intercollegiate Athletic Union (CIAU) championship, making the remarkable shift from striker to goalie for the final game against Concordia University and playing a key role in the Vikings 2-1 victory.

In the Vancouver Island Soccer League he was the scourge of goalies with 22 goals in 18 games, including one fantastic, five-goal game.

Watch Lomas in a game and you'll see a slight 5'9" darting, determined sniper with longish hair flying. Ask him if his speed is his chief asset and he replies "I'm fast enough but not that fast."

Ask him how he made the shift from goal-scorer to goalie, a position he'd played twice in his life, and he just grins and says "all you have to know to be a goalie is how to talk a lot."

It's not that Lomas is falsely modest. He knows he plays well but he believes that soccer, more than any other game, is a team sport. "That's why teams like Toronto without a big star can win championships," he said.

His coach, Brian Hughes, a professional for many years with Swansea and in North America, says Lomas "is at a skill level as high as the best around here."

"His attitude to his team, to himself and to his game is first-class."

Hughes feels that Lomas lacks only the finesse required to compete professionally. "His speed, determination and skill is excellent and he certainly has the potential,"

Hughes said Lomas' exposure to pro soccer has improved his game. "His understanding of it has increased tremendously."

The Vikings coach is also the Portland scout for this area and sent Lomas to the Timbers along with Ike McKay of Nanaimo.

If Lomas does not turn pro this year he may still play as an amateur with Portland. If he does that he can continue playing with the Vikings.

While the 1975-76 edition of the Vikings had a strange season, winning the CIAU championship, but winding up with a losing

## Here's a studious skater who sees beyond rinks

By Les Leyne

Aside from maintaining a 7.2 grade point or A-minus average over the first term, Oliver Coomes (A&S-2), along with his sister Jennifer, has also been busy placing high in the standings of several figure-skating championships.

The brother and sister team won the novice dance event in the Vancouver Island and B.C. Championships, held last November and December, placed third in the Western Canadian championships early this year and two weeks ago placed fifth in the novice class dance event of the Canadian championships held in Calgary.

Coomes and his sister are satisfied with their performance this season and their record is impressive considering most competitive skaters work at it full time. While Coomes attends UVic, his sister Jennifer, 16, is a high school student in Victoria.

Coomes says, "most of the competition skaters, especially in eastern Canada, quit high school to train. I was tempted to go at it like they do in the East but you get too narrow a scope. All you see are other skaters and people at the rink."

He prefers to work as hard as he can at skating but leave himself open to other experiences as well. Coomes at 19 is one of the older figure-skaters still in novice competition and plans possibly one more year in the junior class next year.

Coomes skates at least once every day during the university year.

"I can bike over to the Racquet Club, where I practise, in five minutes from the university and I usually skate for an hour during lunch," he says.

He sometimes follows up in the evening with another practice session. Coomes schedules his timetable around these practice sessions, but the competitions sometimes raise havoc with his university work. The B.C. Championships occurred right around Christmas exam time and he had to do a lot of switching around to leave himself free.

"The professors were really good about it. They allowed me to reschedule some of my exams."

During the summer Coomes usually works for two months to help defray some of the expenses involved in figure-skating.

"It's one of the most expensive sports I know of. Lessons cost from \$10 to \$16 an hour, you have to get ice time and travel to competitions, and skates—you need two pair—cost from \$150 to \$200."

During July and August he gets down to the serious training for the coming season. Coomes skates and trains about 40 hours a week.

Even so he considers this amount of work



Jennifer and Oliver Coomes: top Island novices

minimal in comparison with other competitors' schedules. Where he gets in an hour or two a day during university months, the others are working full time at it.

However, he does not regret in the least his decision to avoid total immersion in skating. Coomes skates for the enjoyment of competition and is slightly critical of what total concentration on skating to the exclusion of all else leads to.

"In my opinion most competition figure-skaters skate against each other and stress the winning too much," he said.

Coomes said he feels there are other benefits to be derived from the sport.

The self-control needed to achieve excellence is perhaps the most important.

"I think I've learned both how to set goals and the satisfaction you get from achieving them. Also you learn to stick to it," he says.

Coomes feels his figure-skating and university studies complement each other.

"The skating helps my university study by teaching me concentration, and school helps the skating in that you're working things out and coping with pressure."

*That spheroid has absorbed this young man's interest since he was a tot, and soon it may play an even larger part in his life.*



record in the VISL, the 1976-77 team appears to be going in the opposite direction.

They lost the Canada West University Athletic Association (CWUAA) championship but have a solid record in first division play in the VISL.

"We've got a fantastic team on paper," says Lomas. "I think we're as good as

Victoria West (Canadian senior champions), but we've got to prove it on the field."

Games in the VISL might draw 300 fans and that's a far cry from the 20,000 and more who turned out in Portland.

"In the United States the sport is brand new and the promotion there has been tremendous," he says. "Here there are a lot of people prejudiced against local soccer because they believe they saw much better back in England."

Lomas feels promotion is the key to an upsurge in soccer interest here. "The upgrading of the skill level won't make any difference if it isn't properly promoted," he says.

In his quiet way, Lomas promotes the game he loves. "In soccer, conditioning and thinking are so important," he says. "Nothing is set so the team that is best coordinated will win, not necessarily the team with the biggest stars."

On the field Lomas promotes the fluid game with his skills.

He's played summer and winter for the past three years with Island all-star teams, the Vikings and the Timbers. "Ever since I can remember it's the game I've loved most," he says. And it shows.



Sprenger: on weekdays there are not the vociferous crowds.

## How about an afternoon flick?

Few people on campus seem to be aware that first-rate foreign or "alternative" films are being shown here on weekdays in the comfort of the new Student Union Building theatre, according to Doug Sprenger, program co-ordinator for Cinecenta Films.

Sprenger is trying to promote audience attendance particularly at the 3 p.m. matinee Mondays, Wednesdays and Thursdays. This matinee showing is also repeated at a 7 p.m. screening the same day.

"We're hoping to get more faculty out," he said. "I am sure they are not aware of what is happening since the new theatre has allowed us to expand Cinecenta's offerings."

He said the matinee comes at a time when many faculty have finished teaching and could use some relaxation. It is also a good time for those students who are killing time waiting for evening classes to begin.

To date only about 20 to 30 people have been attending the matinees in a theatre that seats 300. The weekday night screening draws about 125.

He said he doesn't expect the weekday programme ever to pay for itself, but would hate to see it dropped because of poor attendance.

Sprenger said the weekend showings are no problem because they are usually "big Hollywood films" and they draw near-capacity crowds.

Besides the quality of the films, other attractive features of the weekday showings are the "quiet atmosphere and the lack of lineups" in contrast to the vociferous audiences that pack in for the weekend extravaganzas.

And being a non-profit organization under the Alma Mater Society, prices for both weekday and weekend films are the cheapest in town. They are normally \$1.50 for faculty and staff, and \$1.00 for students and alumni, but sometimes the weekday prices are 25 cents more when higher costs necessitate it.

Sprenger founded Cinecenta nearly seven years ago when he was a student and now he works full-time at it, with a part-time staff of 10, to provide almost 200 different films a year.

For almost the first five years, Cinecenta was limited to weekend showings at the MacLaurin 144 lecture hall. The completion of the \$1-million SUB addition, featuring the theatre, in December of 1975 meant that Cinecenta could start to branch out.

"The past year we have done a lot of experimenting to the point where we think we have an effective formula," said Sprenger.

By drawing more movie buffs to what he calls alternative films, he said Cinecenta will be able to afford even more variety.

What he means by alternative films are not only foreign productions, but acclaimed Canadian films, such as *Les Ordres* (shown earlier this month) and American and British classics.

These types of films rarely appear in local theatres and if they do it's only for a short run, he said.

Sprenger noted that the weekday screenings are open to the general public for an annual membership card of \$2.50, while weekend films are not.

## Vikettes capture crown

The UVic Vikettes have rolled to a second straight Canada West University Athletic Association (CWUAA) basketball championship.

Coach Mike Gallo's talented crew, led by the Godfrey sisters, Leslie (Educ-2) and Shelley (Educ-1) and Marg Mainwaring (Educ-4), had won 16 games in a row as of Feb. 12, the last two in spectacular come-from-behind fashion, to clinch the crown.

The Vikettes have two CWUAA games remaining at home against the University of British Columbia Thunderettes Feb. 18 and 19, both games starting at 6:30 p.m. Then they'll be concentrating all their efforts on the big one, the Canadian Intercollegiate Athletic Union (CIAU) championship March 3, 4 and 5 in Calgary.

The CIAU championship is the one prize that has eluded Gallo's team during two years of dominance of the CWUAA.

Meanwhile, the destiny of the UVic Vikings is in their own hands. As of Feb. 12 they were locked in a three-way struggle for the second playoff spot in the CWUAA. The University of Alberta Golden Bears had clinched first place with a record of 14 wins and two defeats.

UBC and UVic were tied for second while University of Calgary Dinosaurs were in fourth place, a game behind them.

After games Feb. 11 and 12 against the Dinosaurs, UVic returns this weekend for a final showdown against UBC, Feb. 18 and 19, both games starting at 8:30 p.m.

If UVic gained at least a split with Calgary they could win their way into the CWUAA playoffs with a sweep against UBC.

## sports

Children of faculty, students and staff seven years of age and up can take advantage of free swimming lessons on Saturday mornings. Classes started Feb. 12 and will also be held Feb. 26 and March 5. The half-hour classes, at 11:30 a.m. and noon cover all levels of swimming from beginners to seniors. Information is available at McKinnon 121.

There are only three days left for anyone interested in registering in an intensive level coaching certification course in gymnastics Feb. 25, 26, and 27 in the McKinnon Centre. The course is co-sponsored by the gymnastic team and the B.C. Gymnastic Association. Participants should be prepared to participate but organizers stress that the level of activity is low and no one will be asked to perform above their ability level. With 25 persons required to operate the course a maximum of 40 participants can be accommodated. For more information call the Athletics and Recreational Services Office or Jim McLean (Educ-2) at 382-5379.

# Residence in works

A 300-unit residence for single students will be constructed during the next year adjacent to the Commons Block.

Urban Affairs Minister Andre Ouellet, in a meeting with President Howard Petch and Alma Mater Society President Alistair Palmer last week, promised swift processing of a UVic application for federal mortgage funds from the Central Mortgage and Housing Corporation for the project.

The new wood-frame residence is planned for occupancy in September, 1978.

Petch who has been attempting for two years to find funds for residences for single and married students said he was pleased with the federal government's decision to free CMHC funds for the project.

"There were two conditions attached by the minister," Petch told the Senate at the Feb. 9 meeting.

"The proposal must have the support of the B.C. government and Urban Affairs Minister Hugh Curtis has already assured us of this. The minister also said the request could not be for grandiose residences. We've worked the cost down from \$6.5 million to \$3.6 million and this will permit construction of a wood-frame building."

With the application for a single-student residence, UVic is also asking CMHC for

mortgage funds to build 100 units for married students.

"I'm very concerned about the lack of quarters for married students," said Petch. He said the minister, however, could give no guarantee that this application would be accepted.

Petch said the percentage of married students at UVic is going up rapidly. "In our professional programs, such as nursing, most of the students are married, many with children. This is also true of graduate students and it's clear that there is a need for married students' quarters on campus."

In approving funds for the 300-unit residence for single students the government is recognizing the unique situation in British Columbia, said Petch. In a recent survey UVic ranked 23rd among 20 universities and colleges in Canada in the percentage of students who can be housed on campus.

Close to 60 per cent of UVic students come from outside the Greater Victoria area, yet there is residence accommodation for only 11 per cent.

Petch said students from the additional residence can be accommodated in the Commons Block dining facilities which were planned to handle more than the current 600 students in residence.

## 11 vie for Senate seats

Regular, full-time faculty members have until 12 noon Thursday (Feb. 17) to return ballots to Registrar Ron Ferry in three separate elections of faculty members to the Senate.

Elections to choose Senators from the faculties of Arts and Science, Education and Graduate Studies have drawn 11 candidates for the three available seats.

The election in the Faculty of Graduate Studies has drawn five candidates. Incumbent Dr. Charles (Danny) Daniels (Philosophy) is running for re-election. Opposing him are Dr. Alex Bavelas (Education), Dr. D.J. Chabassol (Education), Dr. M.A. Micklewright (Geography) and Dr. R.H. Mitchell (Chemistry).

Four candidates are running for a Senate seat for the Faculty of Education now occupied by Dr. H.G. Timko, who will retire from the Senate at the end of his term June 30.

Dr. G.E. Hodgkinson, Dr. Bruce Howe, Dr. R.A. Ruth and Dr. Hugh Taylor are running for the Education seat.

Dr. G.N. Hobson (Psychology), representing the Faculty of Arts and Science, is not running for re-election. Dr. Rod Symington (Germanic) president of the Faculty Association is vying with Dr. Walter Young (Political Science) for this seat.

The three senators elected will serve three-year terms beginning July 1, 1977.

An election for a Senator from the Faculty of Law will be held later this year. Dr. Giles Hogya, representing the Faculty of Fine Arts, was re-elected by acclamation to a three-year term.

An election to replace three faculty members at large on the Senate will begin Feb. 21 with the call for nominations. The ballot count in this election will be held April 4.

## Move to eliminate dean's post

The Senate has endorsed a proposal by President Howard Petch to move research administration to the office of the Dean of Graduate Studies and to eliminate the position of Dean of Academic Affairs as of June 30 this year.

The terms of Dr. John Dewey, Dean of Academic Affairs and Dr. Steve Jennings, Dean of Graduate Studies, both end as of June 30.

By a 20-12 vote the Senate at its Feb. 9 meeting blocked a motion to refer the question of combining duties to the faculties for discussion.

Petch told the Senate that graduate studies and research were split four years ago. "Research and graduate studies are closely linked and I feel they should be back together again," he said.

Petch said the Dean of Academic Affairs has been responsible for research and for getting the new professional schools under way. "The professional schools are now forming a faculty and a dean will be appointed," he said.

"There are other duties which were temporarily transferred from the vice-president's office to academic affairs as well."

Dr. Charles (Danny) Daniels, in asking for consultation with the faculties, pointed out

that a major report on the organizational structure of graduate studies has yet to come before Senate.

"We don't even know if there will be a Dean of Graduate Studies," he said.

The report on graduate studies was to be discussed at the meeting but this was postponed. Petch explained that major changes had been made in the original report and it was unlikely it would come before Senate until at least March.

The Senate did draft procedures for the appointment of a Dean of Graduate Studies.

The procedures drafted by a presidential committee on administrative appointments chaired by Dr. Bill Gordon (Mathematics) are similar to procedures endorsed by Senate for appointments of other deans.

The procedures involve the appointment of a search committee, methods of selecting candidates and a secret ballot on the acceptability of the committee's choice. If the committee's choice receives at least 60 per cent of the votes cast by faculty members of the Faculty of Graduate Studies the candidate will be recommended to the president for appointment as dean.

Procedures for the appointment of an associate dean of graduate studies were also endorsed.

## Faculty protests degrees

The Faculty of Arts and Science is protesting a Senate and Board of Governors decision to award arts and science degrees in the Division of Physical Education.

In a resolution to be discussed at the March 2 meeting of Senate, the Faculty of Arts and Science has asked the Senate to reconsider the awarding of the degrees to graduates of a new program in Physical Education which is in the Faculty of Education.

Arts and Science has also asked to be consulted before any arts and science degrees are recommended outside of Arts and Science.

The BOG and Senate, after lengthy debate, approved the names of two degrees, Bachelor of Science with a major in human performance and Bachelor of Arts with majors in human performance or leisure studies.

# A 'strange' job rooting from ancient debris

By Bryan McGill

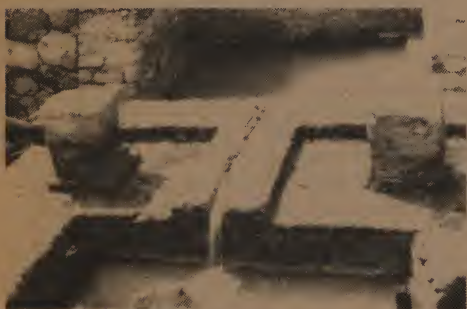
As Buildings and Grounds carpenter Bill Mackereth put it, "it's not the most complex job I've ever done, but it's certainly the strangest".

Mackereth was referring to a replica he had just built of a 2,000 year-old wooden water bucket which Dr. John Oleson (Classics) had excavated at an archaeology site of the inner and outer harbors at Cosa, an early Roman maritime colony founded in 273 B.C. 100 miles north of Rome.

Oleson's discovery is significant in that the bucket, part of a water-lifting device similar to the modern Arabic *saqiya*, is the oldest yet to be found.

The original is in a museum in Cosa, and Oleson, wishing to reconstruct it, came to Buildings and Grounds with his problem.

From the original, basically mashed-up and charred bits of wood covered with water-proofing pitch, Oleson had drawn up specifications, which were further refined by Art Morton, UVic's superintendent of Building Trades, before Mackereth spent a day and a half building the bucket.



The spring house where Oleson discovered remains of water-lifting device.

Oleson is sending off the replica to the Cosa museum to be displayed with the original. He is paying for it from the most recent research grant he has received for his work at Cosa, which began in 1969.

Oleson made the discovery in 1972 when he was supervising excavation of a Roman spring house in the docking area, which was buried under 20 feet of debris, and which was evidently designed to provide fresh

water for sea-going craft in the adjacent berths.

It was after a water basin was uncovered, with the water still flowing, that he found in a chamber behind it "a great mass of destroyed wood and lead pipes".

At first puzzled by his find, Oleson said "it soon became clear to me the bits of wood were buckets connected to a water-lifting device similar to the one described by the Roman architect Vitruvius during the time of Augustus."

He estimates the spring house was built about 100 B.C. and could have been destroyed shortly after by pirates who were terrorizing the Roman world at that time.

He said this type of bucket chain was probably invented by Greek scientists in Alexandria in the 3rd century B.C.

The bucket chain left at Cosa was part of a highly-sophisticated water system. Likely pushed around by a slave, the device featured angle gears and was probably meant to lift water from the spring house to a cistern higher up the hill, both for storage and for the provision of a pressurized water system carried elsewhere in the harbor by lead and terracotta pipes.

The water system likely fed either a nearby villa or a factory that produced amphoras for ships carrying wine and fish to far-flung corners of the Mediterranean trading world.

Oleson said the modern equivalent of the water-lifting device, the Arabic *saqiya*, which is propelled by animals, approaches the efficiency of modern pumps, and is in some ways even superior.

He said the *saqiya* is coming back into popularity in the Middle East after gas-propelled pumps were unsuccessfully tried.

The modern pumps were expensive to run and hard to repair, while the *saqiya* is cheap to run, easy to repair and is "a self-contained eco-system" in that the dung from the animals is used for fertilizer.

Oleson, 30, came to UVic last fall as an assistant professor from Florida State University. Gaining his three degrees from Harvard University, he has won a raft of honors and fellowships and has about 20 publications to his credit.



Showing finished replica are, from left, Oleson, Mackereth and painter Bert Southern.



The original 2,000-year-old wooden bucket.



Bavelas: "it's really magic"

## The hard facts on grey matter

By John Driscoll

Physics is an exact science whereas psychology...well it's mostly a matter of opinion.

More than 500 first-year psychology students are finding out that the above statement is not necessarily true, at least not the part about psychology.

These students are learning first-hand that psychology is an empirical science and that ideas about human behaviour can be substantiated or disproved through observations.

For the first time at UVic hour-long laboratory experiments are a compulsory part of the weekly schedule for first-year psychology students. The labs are proving a success, according to Dr. Janet Bavelas who started the program three years ago as an experiment in one section of Psychology 100.

"This program has meant a big change in the way psychology is taught here and it's been exciting," said Bavelas who is in charge of the program with one full-time and four

part-time lab assistants and 23 lab classes.

"Our students are discovering that if the text says something is true then it should be observable to anyone."

Something else the students are learning early in their university careers is to carry out experiments under a minimum of supervision. "Students really get into the labs and they're enthusiastic about finding things out for themselves," said Vern Westerberg, a teaching assistant.

In a recent laboratory experiment on signal detection, Westerberg gave a few instructions to his class which then split into small groups with everyone getting involved in setting up and carrying out the experiment as subjects and observers.

The students were involved in an experiment concerning the threshold of identification by sight.

They marked out positions in chalk on the floor and ran through a series of 24 trials

where a subject tried to identify whether or not a hand-held target was similar to a stationary one beside it.

The students seemed to be enjoying carrying out the trials and calculating and graphing the results. They were quick to ask questions when their results did not correspond to results of an earlier threshold detection experiment conducted by a different method.

When the results were all in Westerberg used them to point out that the threshold of detecting a signal differed, depending on the consequences.

Bavelas has lined up 20 to 25 basic experiments designed to teach students to test theories, make observations and draw conclusions. "Contrary to popular belief there is a solid body of knowledge in psychology that is supported by data," she said.

Students are also learning how you go about obtaining information about human behavior. "When you think about it, it's really magic," said Bavelas. "We're trying to find out what happens in people's heads by their observable behavior."

One of Bavelas' favorite experiments done in class is a demonstration of how people sort things out in their memories.

"Consider the unobservable process by which people remember, say, a list of words, such as 'elephant, desk, doctor, tiger...'. It would be reasonable to hypothesize that people will simply remember the list in the order they hear it.

"It would be equally reasonable to propose that people might remember the list in random order.

"Finally it is plausible that people might sort the words into groups, according to their meaning, for example putting tiger and elephant together. In the process they would be doing a more abstract task than they were required to do."

Bavelas said while all three processes are reasonable—the question is which is right.

"We can tell by looking at how the words come out, at the order in which they are recalled."

In the experiment the students are the subjects and are given 50 words at random and asked to recall them in the order they remember them.

"The result is that students discover the natural way of recalling words is to automatically sort them by meaning into the categories that exist in our language."

In this case the lecture followed the experiment so that students wouldn't go into the test with any preconceived notions. Labs and lectures are synchronized and labs play an important role in determining a student's final grade.

There have been other experiments carried out by students demonstrating Pavlovian conditioning, maze learning and size constancy.

Bavelas explained that one of the purposes of the laboratories is to assist students in understanding how psychologists work and how they arrive at conclusions about human nature.

"I think it's important for students to realize that psychology is not revealed truth," she said.

While the experiments are of obvious value to students who intend to major in psychology, Bavelas feels they are important for students who take only an introductory year as well.

"It's always better for students to experience some of these psychological processes rather than just read about them," she said. "And students, through the labs, are learning to look more precisely at human behavior, at the processes they've looked at all their lives."

The students are also learning to question theories. In today's society where psychological theories in many forms have become widespread Bavelas feels this is also important.

"I'm hopeful that students will learn to automatically ask questions about theories, whether or not there is proof for them, and become more educated consumers of psychology."

Bavelas said this is important at a time when science itself has become the new authority, perhaps more rigid and dogmatic than the medieval church.

"People now tend to believe scientists because of their status, not because of their observations." She cites the examples of Freud, Skinner, Rogers and Laing writing on the nature of society.

"They have not done research in this area and are relying on personal opinion or subjective observations. There is an important distinction which I hope our students will grasp, that you should always challenge a scientist to determine if he is speaking as a scientist or simply stating an opinion."



*This is a scene from ruffian on the stair, by English playwright Joe Orton which opens tonight [Feb. 16] at the Phoenix Theatre with Sports, written and directed by Don Woticky, a graduate student in the Department of Theatre. Director of ruffian on the stair is Stephen Lloyd, another graduate student. In this scene, from the left, are Bob Metcalfe, Helen Jarvis and Tony Bukowiecki. Both plays will run until Feb. 19. Curtain time is 8 p.m. Tickets are \$1.50.*

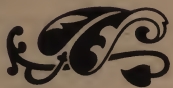
## calendar

### Wednesday, February 16th

3:00 & 7:15 pm  
\*Cinecenta Films. SUB Theatre. "Winter Light".  
8:00 pm  
Degree Recital—Rory O'Donnell, Flute.  
MacLaurin 144.  
8:30 pm  
Badminton—Old Gym.

### Thursday, February 17th

12:30 pm  
Public lecture—MacLaurin 144. Dr. Eva Badura-Skoda will speak on "Performance Problems of 18th Century Music".  
1:30 pm  
Chemistry Seminar—Dr. Z. Rappoport (The Hebrew University of Jerusalem) will speak on "Vinyl Cations From Solvolysis"—Elliott 162.  
2:00 pm  
Musicology Seminar—Library Seminar Room. "Melodic Variation and Improvised Ornamentation during the Classical Period". Dr. Eva Badura-Skoda.



3:30-5:00 pm  
Petch Peeves. Sedgewick Rm. 4. Students, staff and faculty welcome to see Dr. Petch. Call local 4201 for confirmation of room.  
4:30 pm  
University Lectures Committee slide illustrated lecture—Mr. George G. Vincent will speak on "South America—A Continent in Crisis", Elliott 168.  
7:15 pm  
\*Cinecenta Films. SUB Theatre. "Glen and Randa" and "Invasion of the Body Snatchers".  
8:00 pm  
Meeting—Classical Association of Vancouver Island. Cornett 108. Dr. S.E. Scully (Dept. of Classics, UVic) will speak on "Some Thoughts on Characterisation in Greek Tragedy: the Relevance of Psychoanalytic Readings".  
Friday, February 18th  
12:30 pm  
Fridaymusic. MacLaurin 144.  
2:30 pm  
Seminar—Biology. Cunningham 1102. Dr. P.A. Larkin—Institute of Animal Resource Ecology (UBC) will speak on "Concept of Maximum Sustained Yield".  
3:30 pm  
Meeting—Graduate Studies. Cornett 108.

4:30 pm  
Women's Basketball—Jay Vee's vs UBC at UVic.  
6:30 pm  
Basketball—Vikettes vs UBC at UVic.  
7:00 & 9:15 pm  
\*Cinecenta Films. SUB Theatre. "Rollerball".  
8:30 pm  
Basketball vikings vs UBC at UVic.  
11:30 pm  
\*Cinecenta Films. SUB Theatre. "Night of the Living Dead".

### Saturday, February 19th

6:30 pm  
Basketball—Vikettes vs UBC at UVic.  
7:00 & 9:00 & 11:00 pm  
\*Cinecenta Films. SUB Theatre. "Fantastic Planet".  
8:30 pm  
Basketball—Vikings vs UBC at UVic.  
Sunday, February 20th  
2:30 pm  
Film—Beethoven's opera FIDELIO. (Hamburg State Opera). MacLaurin 144. Free Admission.  
5:00 to 6:30 pm  
Steak Dinner Night—Commons Dining Room. Please reserve early. Local 6678 or 6679.  
7:15 pm  
\*Cinecenta Films. SUB Theatre. "THX 1138" and "Zardoz".

### Monday, February 21st

1:00 pm  
Meeting—Board of Governors. Gold Room.  
3:00 & 7:30 pm  
\*Cinecenta Films. SUB Theatre. "Closely Watched Trains".

### Tuesday, February 22nd

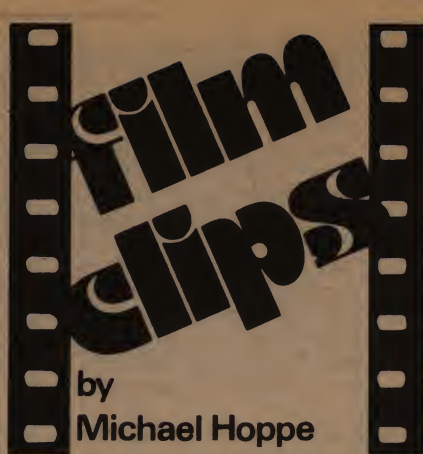
7:30 pm  
Meeting—Victoria Handweavers and Spinners Guild. Upstairs at 536 Broughton Street.

### Wednesday, February 23rd

8:00 pm  
Degree Recital—Anthony Hendriks—Trumpet. MacLaurin 144.  
8:30 pm  
Badminton—Old gym.

### Thursday, February 24th

9:00 am to 9:00 pm  
Education Students' Association—Learning Bonanza for student teachers and educators. MacLaurin Building.  
12:30 pm  
University Wind Ensemble. MacLaurin 144.



Jeanne Moreau, the French actress who has gained an international following through such films as Louis Malle's *Les Amants*, Francois Truffaut's *Jules et Jim* and Luis Bunuel's *Diary of a Chambermaid*, has written and directed her first film, and she calls it *Lumière*. It also stars Moreau as Sarah Dedieu, an actress of considerable success on stage and screen, and the story revolves around Sarah and three friends, Julianne (Francine Racette), Laura (Lucia Bose), and Caroline (Caroline Cartier), fellow actresses whose professional lives are managed somewhat more successfully than their personal ones.

The film opens impressively as we see the four women around Sarah's swimming pool, bathed in the dark golden light of late afternoon. We also see them eating a meal *en plein air* in colorful, floral flocks, sharing confidences, and enjoying the pure pleasure of each other's company, as the camera circumnavigates the table. We are soon transported back a year in time to Paris, and the remainder of the film is an observance of one week in the lives of these women and their various doting men friends. When asked in a recent interview why she chose such a structure for the film, Moreau said that she simply wanted the audience to know from the start how the women would be after the main action of the film had passed.

As a director, Jeanne Moreau unfolds the story simply and softly, with an unassuming casualness which is uncommon in North American film. This casualness gives the film its allure, but unfortunately it also prevents it from being satisfying in any substantial way. Moreau's camera is constantly on the move; it slides with confident fluidity, encircling the characters, moving in to catch the faint register of emotion and out again. The effect is enchantingly ethereal but rarely in *Lumière* is it dramatically justified. When Sarah goes to a park to meet a German writer (a recent acquaintance with whom she will soon make love) and they sit down on a bench, there is a silence as the camera lavishly swirls around them—but we become aware of camera movement as camera movement and characterization gets lost in the breeze. One feels that Moreau knows the camera as an intimate

friend, which is why she confidently moves it close to her characters; if only she had provided them with as much internal action as she did external, she might have had a remarkable movie.

Judging from the recent *Village Voice* interview, talk of technique angers Jeanne Moreau, who prefers to speak of instinct as an important element of film production. She spoke frostily of certain male directors who are so technically proficient that "you are carried away in spite of yourself, and then you're left, like a fish on the floor." She didn't name names, but one wonders if she had Alain Resnais, or perhaps Claude Chabrol, in mind. (The prime American example is William Friedkin, director of two odious films *The French Connection* and *The Exorcist*. It has been reported that Moreau and Friedkin are soon to be married; one cringes at the prospect of Jeanne Moreau starring in one of his films.)

One is at a loss attempting to relate the plot of *Lumière*—because, in the traditional sense, there isn't any—the film isn't really about anything, although it deals very convincingly with friendship between women. It is an unemphatic, almost naturalistic observance of professionally successful women who not only enjoy each other's company but seem to need it just as much (perhaps more than) their relationships with men. Which is not to say that *Lumière* is a drearily committed polemic; Jeanne Moreau doesn't have the temperament to make a grim, politically persuasive statement. (*Dieu merci!*) In the best scenes of *Lumière* Moreau shows herself to be an affectionate observer of human foibles—female and male. Yet it must be said that her bountiful affection wasn't enough to keep this film consistently interesting, much less give it the cumulative cohesion it needs; in fact, toward the end of the film, during what Moreau I'm sure would consider to be one of the most important scenes (Sarah has just learned of a friend's suicide upon awakening; shocked, in a room filled with the light of midday, she says, "Il y a trop de lumière...."), a woman behind me yawned most audibly. Jeanne Moreau gave us *Lumière* a little too soon; she should have given it more time to ripen.

### CINECENTA

From Thursday, Feb. 17 to Sunday, Feb. 20 Cinecenta will present "In Search of Wonder", its seventh annual festival of fantasy and science fiction film. The selection ranges from older gems like *Invasion of the Body Snatchers*, directed by Don Siegel, in which a town is insidiously infiltrated by dehumanizing pods, to the more recent *Rollerball*, starring James Caan, and *Zardoz*, which features Sean Connery and Charlotte Rampling; and the unique animation of Rene Laloux is the star of *Fantastic Planet*, which won a Grand Prize at Cannes. Also included are George (American Graffiti) Lucas' *THX1138*, Jim McBride's *Glen and Randa* and the infamous *Night of the Living Dead*, which you'll never see on television.

3:00 & 7:15 pm  
\*Cinecenta Films. SUB Theatre. "Monsieur Hulot's Holiday."  
3:30 to 5:00 pm  
Petch Peeves. SUB Upper Lounge. Students, staff and faculty welcome to see Dr. Petch. Call local 4201 for confirmation of room.  
4:00, 5:00 and 6:00 pm  
UVic Debating Society meets the UBC Debaters. Clearihue 124, 128 and 130.  
7:30 pm  
University Teaching Series. Dr. J.W. Osborne (University of Alberta) will speak on "A Systems Approach to Learning". Clearihue C112.  
8:00 pm  
Lecture—Demonstration by David Rosenboom. "Musical Interface with the Human Nervous System". Elliott 167.  
9:15 pm  
\*Cinecenta Films. SUB Theatre. "Macunaima (Jungle Freaks)".

### Friday, February 25th

12:30 pm  
Fridaymusic. MacLaurin 144.  
2:30 pm  
Biology Seminar—Cunningham 1102. Dr. T. Mace & H. Barclay (Dept. of Biology, UVic) will speak on "Mathematical models of Schistosomiasis (African Sleeping Sickness).  
3:30 pm  
Meeting—Faculty Association. Cornett 112.  
Meeting—Joint Council Association. Sedgewick 011.  
7:00 & 9:15 pm  
\*Cinecenta Films. SUB Theatre. "Royal Flash".  
11:30 pm  
\*Cinecenta Films. SUB Theatre. "Macunaima (Jungle Freaks)".  
Saturday, February 26th  
7:00 & 9:15 pm  
\*Cinecenta Films. SUB Theatre. "Jaws".  
8:00 pm  
New Music Concert—MacLaurin 144. David

Rosenboom—visiting artist. Admission charge.  
Sunday, February 27th  
1:00 pm  
Soccer—Norsemen vs Saanich Braves at Centennial.  
2:15 pm  
Soccer—Vikings vs Gorge Molson at UVic.  
5:00 to 6:30 pm  
Steak Dinner Night—Commons Dining Room. Please reserve early. Local 6678 or 6679.  
7:00 & 9:15 pm  
\*Cinecenta Films. SUB Theatre. "Jaws".

### Monday, February 28th

3:00 & 7:30 pm  
\*Cinecenta Films. SUB Theatre. "Hidden Fortress".  
8:00 pm  
Student Concerto Programme—MacLaurin 144. Featuring First Place winners—Jane MacKenzie and Gary Russell.

### Tuesday, March 1st

12:30 pm  
Tuesdaymusic. MacLaurin 144.  
4:30 pm  
Liberal Arts 305—Cornett 163. Dr. L. Hinrichs (Mathematics) will speak on "Continuous vs. discrete" and Dr. G. Miller (Mathematics) will speak on "The essence of calculus".

### Wednesday, March 2nd

3:00 & 7:15 pm  
\*Cinecenta Films. SUB Theatre. "Act of the Heart".  
7:30 pm  
Meeting—Senate. Commons 205.  
8:00 pm  
Faculty Recital Series—Concert #5. Admission Charge. MacLaurin 144.  
8:30 pm  
Badminton, Old Gym.

\*N.B. All Cinecenta Films have an admission charge and are not open to the General Public for Weekend Showings.